Amendments to the Specification

On page 3, line 31, please amend the paragraph as follows:

"The transform used can be one of several types, including a difference exponential function, a difference polynomial function, a high order, <u>second order or higher,</u> polynomial, or a piecewise linear function. In addition, the color adjustment transform could be a table constructed by hand. Typically, the transform will be embodied in a lookup table (LUT), but the adjustment equations could be applied at run time."

Please replace the paragraph on page 5, lines 8-13 with the following:

"The equations used in Figure 4 are:

$$F_A = \frac{1}{1 + e^{-K_A * x - 128}} \; ; \text{ for } x=0 \text{ to } 255 \tag{1}$$

$$F_B = \frac{1}{1 + e^{-K_B * x - 128}} \; ; \text{ for } x=0 \text{ to } 255 \tag{2}$$

$$F_D = \left(\left(F_A - \frac{1}{2} \right) - \left(F_B - \frac{1}{2} \right) + \frac{1}{2} \right); \tag{3}$$

and the adjustment values are calculated as:

$$value = 255 * F_A + \left((255 * K) * \left(F_D - \frac{1}{2} \right) \right). \tag{4}"$$